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**FAX**

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Date October 16, 2001

To Eva James

Of US Patent and Trademark Office

Fax (703) 308-6672

From Thea K. Wagner

Phone: (650) 325-5800

Subject 5,617,539 (CERTIFICATE OF CORRECTION)

Our Ref A7825

Pages (13)  
(including cover sheet)

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Eva:

Pursuant to our telephone conversation this afternoon, I have enclosed copies of the entire Certificate of Correction documents (i.e., request for transmittal, postcards, corrections and drawings). Please feel free to call me if you have any questions or comments.

Thank you,

Thea K. Wagner

COLB-001/03US

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A request for a Certificate of Correction has  
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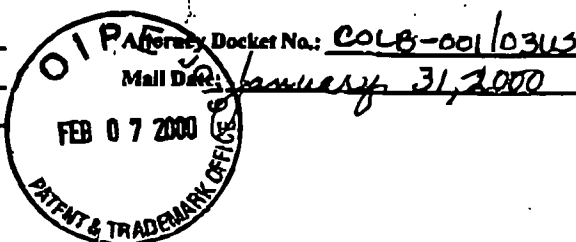
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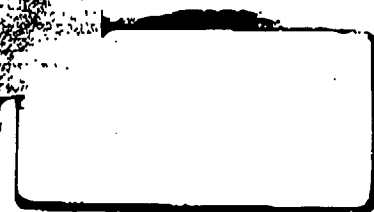
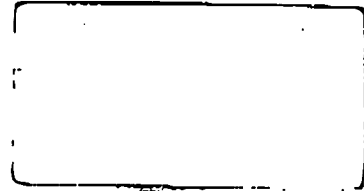
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Patent  
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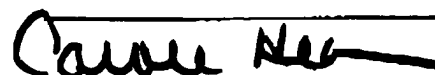
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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown.

Column 12, lines 36-37 reading "an other" should read - -an-other- - A

Column 13, line 4 reading "output 38-1" should read - -output 38a-1- - A

Column 13, line 52 reading "116c derived" should read - -116c and 116d derived- -; A

Column 14, line 25 reading "three" should read - -two- -; A

Column 14, line 26 reading "B and C" should read - -and B- -; A

Column 14, line 29 reading "C mosaic" should read - -and D or C mosaic, respectively- -; A

Column 14, line 31 reading "required for only" should read - -only required for- -; A

Column 14, line 37 "Sites #1 and Sites #3" should read - -Site #1 and Site #3- -; A

Column 23, line 56 reading "WS1" should read - -WS-1- -; A

Column 24, line 14 reading "respectively are" should read - -respectively, are- -; A

Column 24, line 36 reading "form" should read - -from- -; A

Column 24, line 45 reading "acts a" should read - -acts as a- -; A

Column 26, line 11 reading "party, (for" should read - -party (for- -; A

Column 30, line 61 reading "that attempting" should read - -than attempting- -; A

Column 35, line 11 reading "30" should read - -31D- -; A

Column 35, line 45 reading "a network" should read - -and network- -; A

Column 38, line 64 reading "instruced" should read - -instructed- -; A

Page 1 of 7

Mailing Address of Sender:

Patent No. 5,617,539

Cooley Godward LLP  
Attn: Patent Group  
Five Palo Alto Square  
3000 El Camino Real  
Palo Alto, CA 94306-2155  
492837v1

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown.

### Drawings:

In the drawings, Sheet 6, Figure 7, the reference numeral reading "122-n" should read

--112-n--; *A see attached Fig. 7*

In the drawings, Sheet 10, Figure 12A, in the first square block at the top, a solid vertical line should separate "C" and "D" and divide the block in half; please see attached Figure 12A. *H*

Also in Figure 12A, in the square block below the block described above, a solid vertical line should separate "A" and "B" and divide the block in half; please see attached Figure 12A. *H*

Also in Figure 12A, in the first box on the right, indicated by "SITE NO. 2" the line reading "PARTICIPANT A" should read - PARTICIPANT C-; *H*

Also in the same box, the line reading "PARTICIPANT B" should read - PARTICIPANT D-; *H*

Please see attached Figure 12A. *H*

In the drawings, Sheet 10, Figure 12B, in the first box on the right, indicated by "SITE NO. 2" the line reading "PARTICIPANT A" should read - PARTICIPANT C-; also in the same box, the line reading "PARTICIPANT B" should read - PARTICIPANT D-; please see attached Figure 12B. *H*

In the drawings, Sheet 10, Figure 13B, the line reading "A,B = 0 UNIT DELAY" should read - A,B,C = 0 UNIT DELAY-; please see attached Figure 13B. *H*

In the drawings, Sheet 11, Figure 14B, the description above the arrow pointing from the middle box to the left box reading "A + B + C" should read - A + B + D-; please see attached Figure 14B. Also in Figure 14B, the line below the left box reading "C HEARS A + B + C" should read - C HEARS A + B + D-; please see attached Figure 14B. *H*

In the drawings, Sheet 11, Figure 15A, in the two square blocks between the middle rectangular block and the right rectangular block, there should be vertical lines in the shaded areas dividing the blocks in half; please see attached Figure 15A. *H*

In the drawings, Sheet 12, Figure 16, in the square block below the arrow pointing from the top middle rectangular block to the right rectangular block, the lower-left reference reading "D" should read - C-; please see attached Figure 16. *H*

In the drawings, Sheet 13, Figure 17A, in the square block just above the lowest rectangular block, the lower-left reference reading "D" should read - C-; please see attached Figure 17A. *H*

In the drawings, Sheet 13, Figure 17B, below the top left rectangular block, insert  
 - A HEARS B + C + D-; also in Figure 17B, below the top middle rectangular block, insert  
 - B HEARS A + C + D-; also in Figure 17B, below the top right rectangular block, insert  
 - C HEARS A + B + D-; also in Figure 17B, below the bottom middle rectangular block, insert - D HEARS  
 A + B + C-; please see attached Figure 17B. *H*

Page 2 of 2

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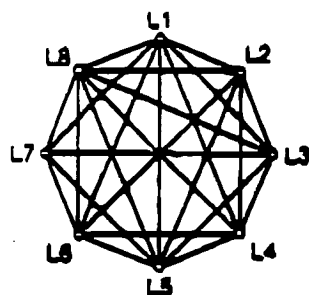
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Patent No.: 5,617,539

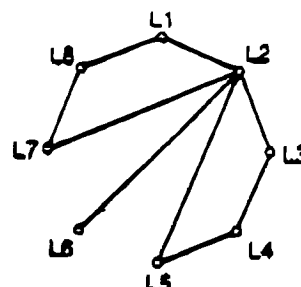
Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

It is certified that error appears in the formal drawings in the above-identified patent and that said Letters Patent is hereby corrected as shown.



**FIGURE 5**



**FIGURE 6**



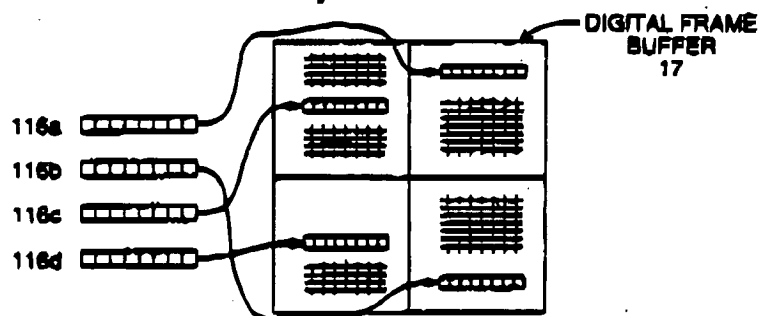
**FIGURE 7**



**FIGURE 9**



**FIGURE 10**



**FIGURE 11**

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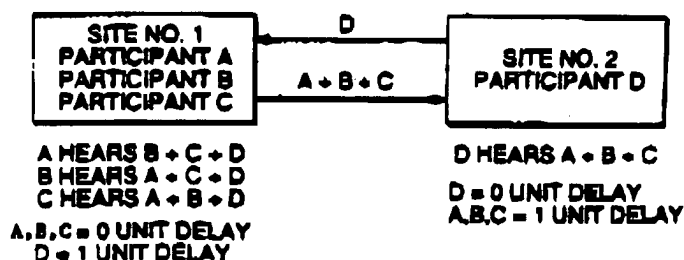
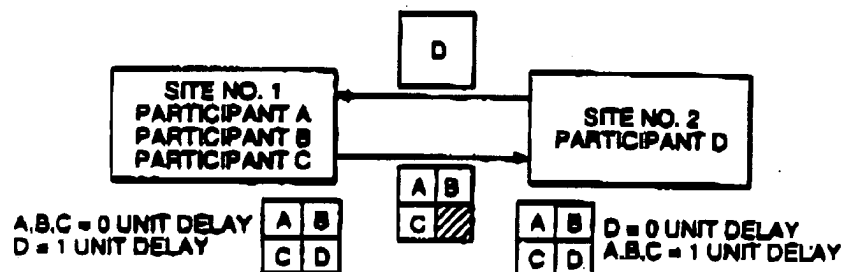
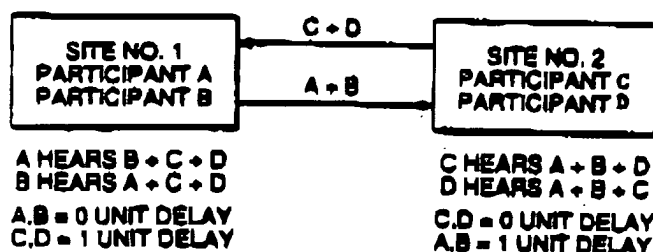
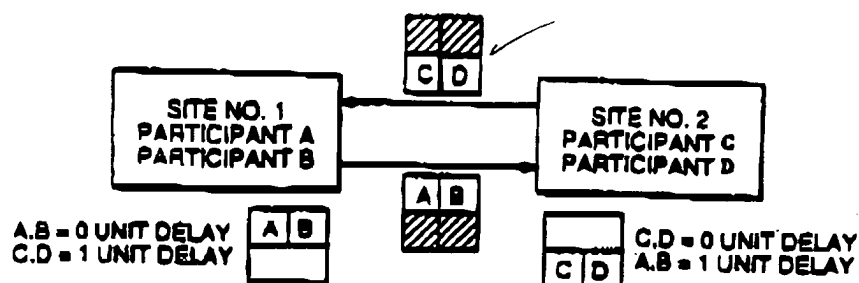
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Patent No.: 5,617,539

Dated: April 1, 1997

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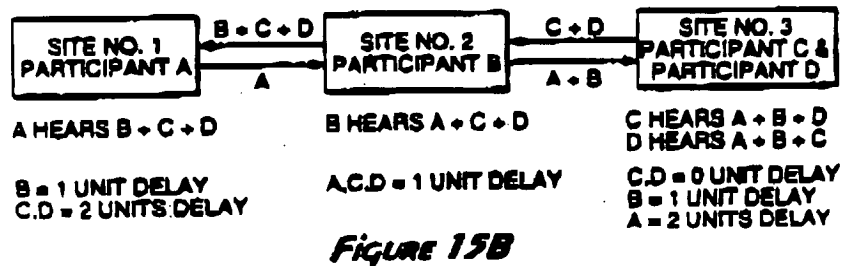
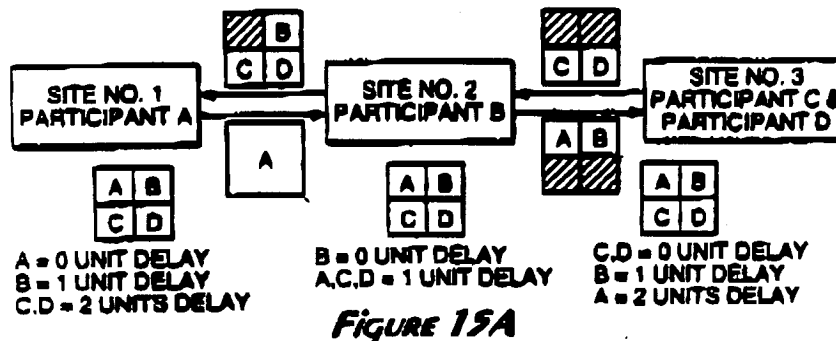
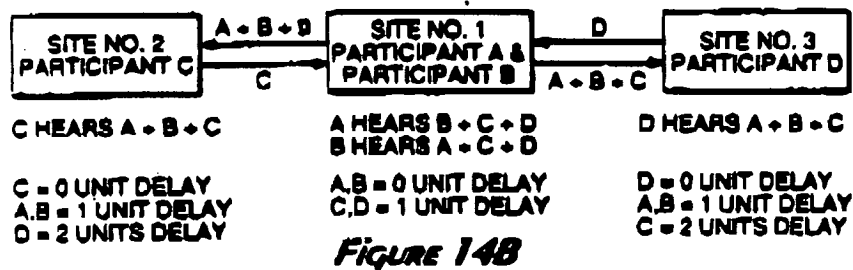
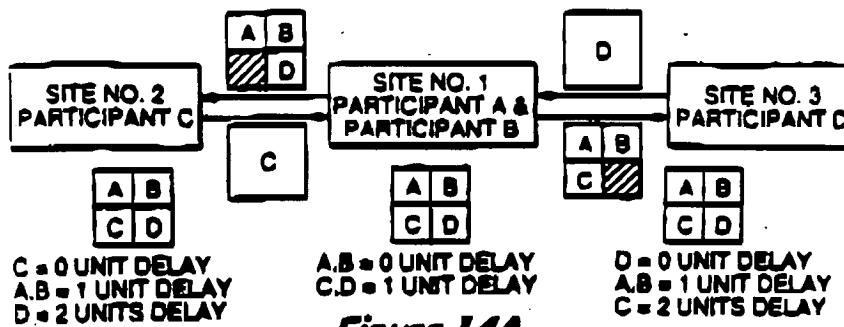
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Patent No.: 5,617,539

Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

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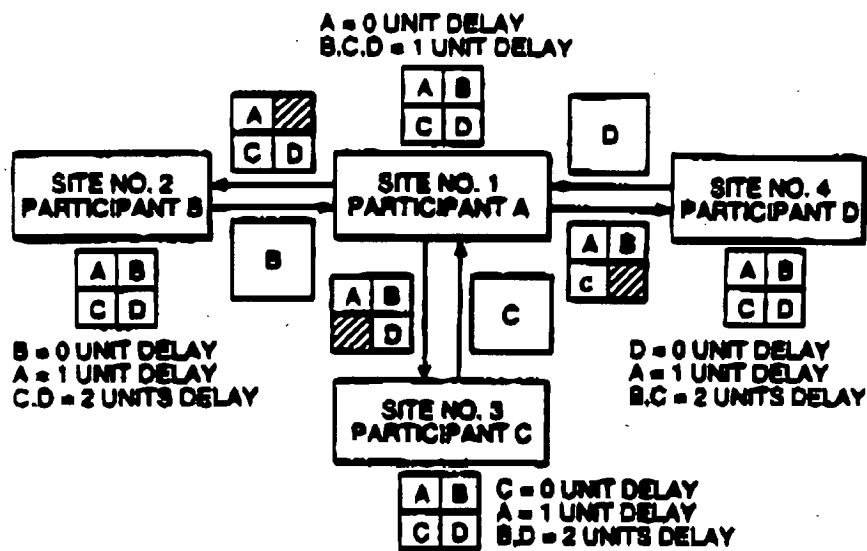
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Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

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**FIGURE 16**

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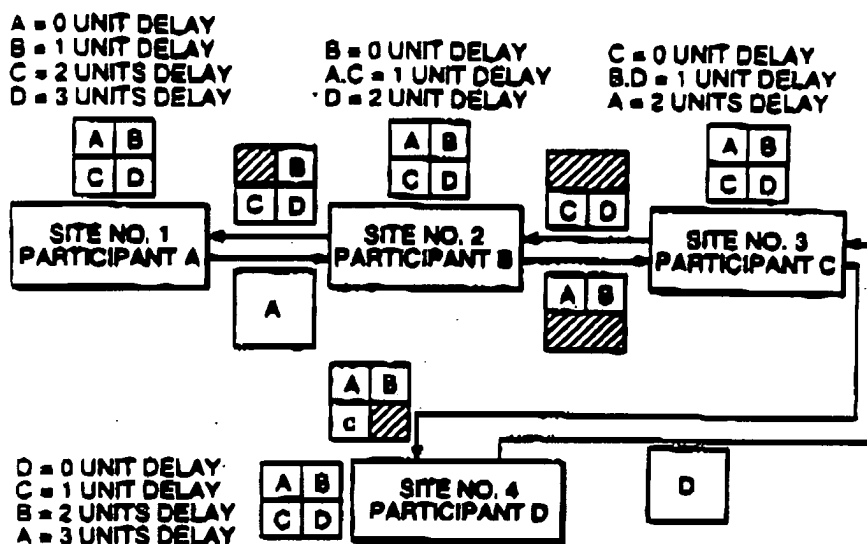
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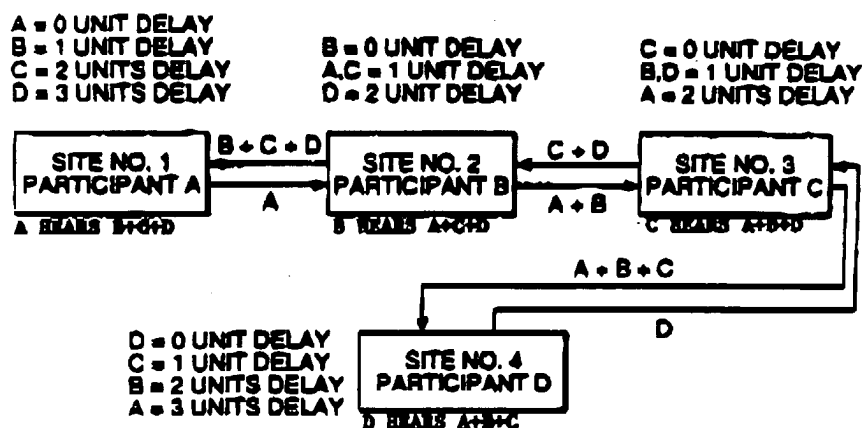
Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

It is certified that error appears in the formal drawings in the above-identified patent and that said Letters Patent is hereby corrected as shown.



**Figure 17A**



**Figure 17B**

Attorney Docket No: COLB-001/03US

PATENT

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By: ELAINE CALIMQUIN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Lester F. Ludwig, et al.

Patent No.: 5,617,539

Issued: April 1, 1997

Serial No.: 08/660,460

Filed: June 7, 1996

For: MULTIMEDIA COLLABORATION SYSTEMS WITH SEPARATE DATA NETWORK AND A/V NETWORK CONTROLLED BY INFORMATION TRANSMITTING ON THE DATA NETWORK

Certification of Correction Branch  
Assistant Commissioner for Patents  
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The corrections are indicated on the attached PTO form for Certificate of Correction, submitted in duplicate.

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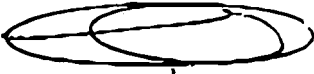
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Tel: (650) 843-5000  
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Respectfully submitted,  
COOLEY GODWARD LLP

By:

  
\_\_\_\_\_  
Craig P. Opperman  
Reg. No. 37,078

42931 v1/PA

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

Dated: April 1, 1997

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- Column 13, line 4 reading "output 38-1" should read - -output 38a-1- -
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- Column 14, line 31 reading "required for only" should read - -only required for- -;
- Column 14, line 37 "Sites #1 and Sites #3" should read - -Site #1 and Site #3- -.
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- Column 35, line 11 reading "30" should read - -31D- -;
- Column 35, line 45 reading "a network" should read - -and network- -.
- Column 38, line 64 reading "instruced" should read - -instructed- -.

Page 1 of 7

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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

Dated: April 1, 1997

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**Drawings:**

In the drawings, Sheet 6, Figure 7, the reference numeral reading "122-n" should read

--112-n--.

In the drawings, Sheet 10, Figure 12A, in the first square block at the top, a solid vertical line should separate "C" and "D" and divide the block in half; please see attached Figure 12A.

Also in Figure 12A, in the square block below the block described above, a solid vertical line should separate "A" and "B" and divide the block in half; please see attached Figure 12A.

Also in Figure 12A, in the first box on the right, indicated by "SITE NO. 2" the line reading "PARTICIPANT A" should read --PARTICIPANT C--;

Also in the same box, the line reading "PARTICIPANT B" should read --PARTICIPANT D--;

Please see attached Figure 12A.

In the drawings, Sheet 10, Figure 12B, in the first box on the right, indicated by "SITE NO. 2" the line reading "PARTICIPANT A" should read --PARTICIPANT C--; also in the same box, the line reading "PARTICIPANT B" should read --PARTICIPANT D--; please see attached Figure 12B.

In the drawings, Sheet 10, Figure 13B, the line reading "A,B = 0 UNIT DELAY" should read --A,B,C = 0 UNIT DELAY--; please see attached Figure 13B.

In the drawings, Sheet 11, Figure 14B, the description above the arrow pointing from the middle box to the left box reading "A + B + C" should read --A + B + D--; please see attached Figure 14B. Also in Figure 14B, the line below the left box reading "C HEARS A + B + C" should read --C HEARS A + B + D--; please see attached Figure 14B.

In the drawings, Sheet 11, Figure 15A, in the two square blocks between the middle rectangular block and the right rectangular block, there should be vertical lines in the shaded areas dividing the blocks in half; please see attached Figure 15A.

In the drawings, Sheet 12, Figure 16, in the square block below the arrow pointing from the top middle rectangular block to the right rectangular block, the lower-left reference reading "D" should read --C--; please see attached Figure 16.

In the drawings, Sheet 13, Figure 17A, in the square block just above the lowest rectangular block, the lower-left reference reading "D" should read --C--; please see attached Figure 17A.

In the drawings, Sheet 13, Figure 17B, below the top left rectangular block, insert

--A HEARS B + C + D--; also in Figure 17B, below the top middle rectangular block, insert

--B HEARS A + C + D--; also in Figure 17B, below the top right rectangular block, insert

--C HEARS A + B + D--; also in Figure 17B, below the bottom middle rectangular block, insert --D HEARS A + B + C--; please see attached Figure 17B.

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

It is certified that error appears in the formal drawings in the above-identified patent and that said Letters Patent is hereby corrected as shown.

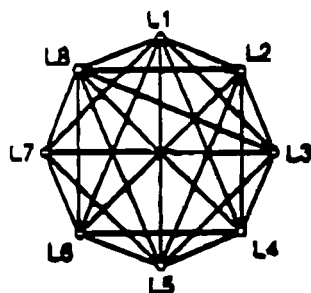


FIGURE 5

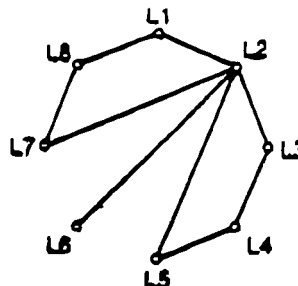


FIGURE 6



FIGURE 7



FIGURE 9



FIGURE 10

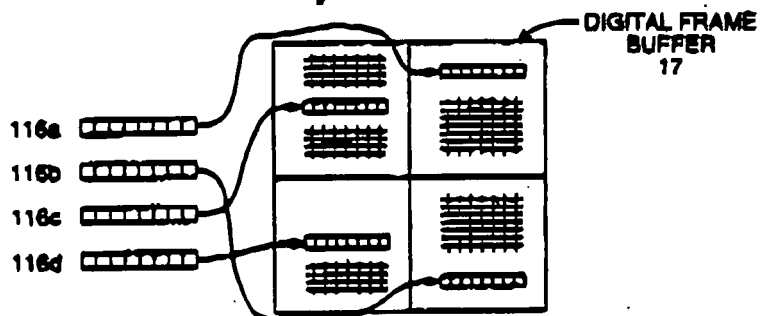


FIGURE 11



# UNITED STATES PATENT AND TRADEMARK OFFICE

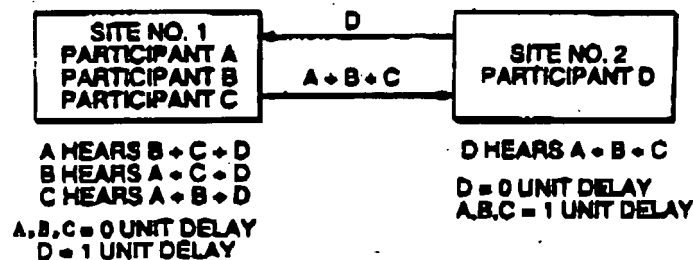
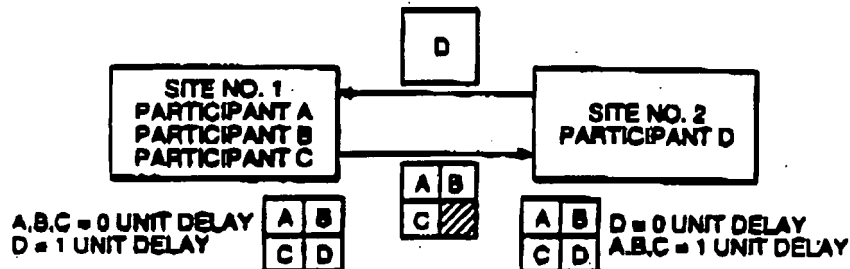
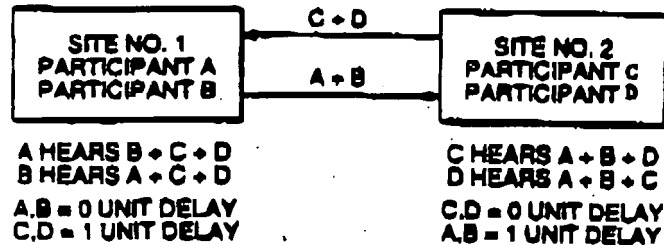
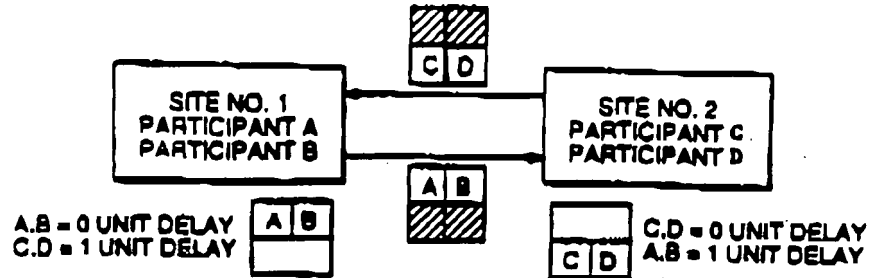
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Dated: April 1, 1997

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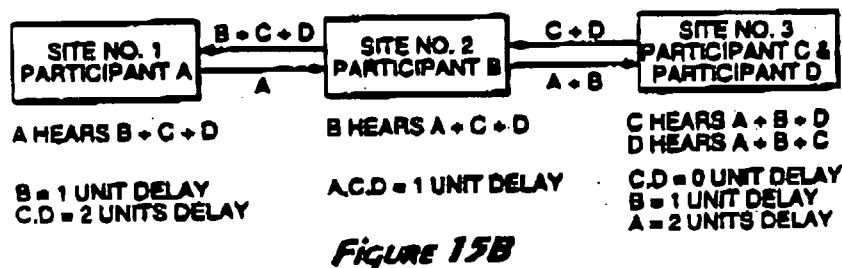
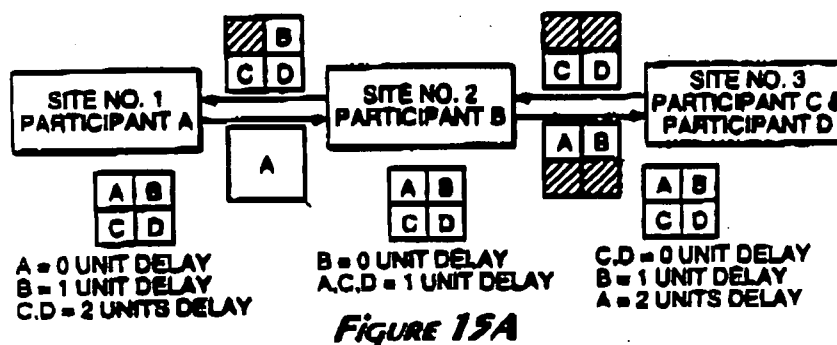
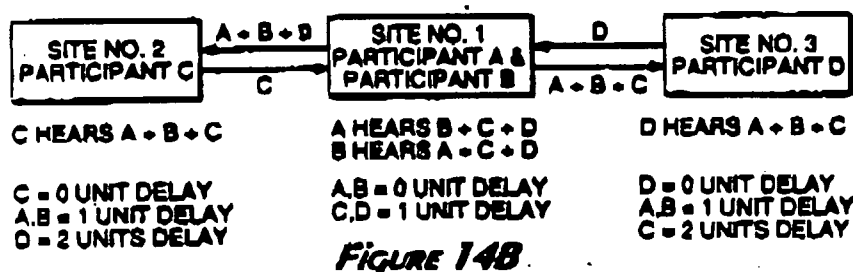
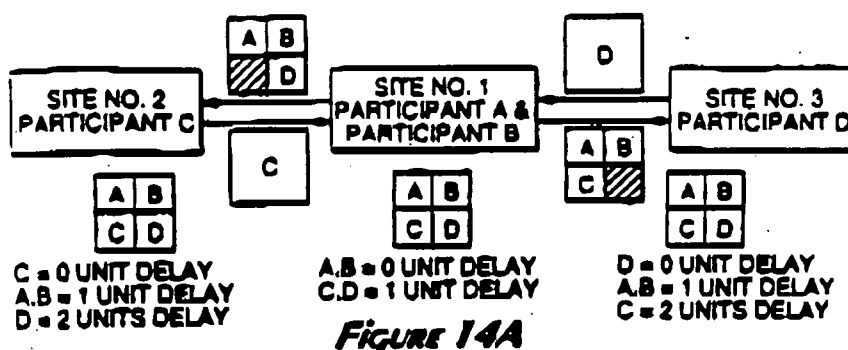
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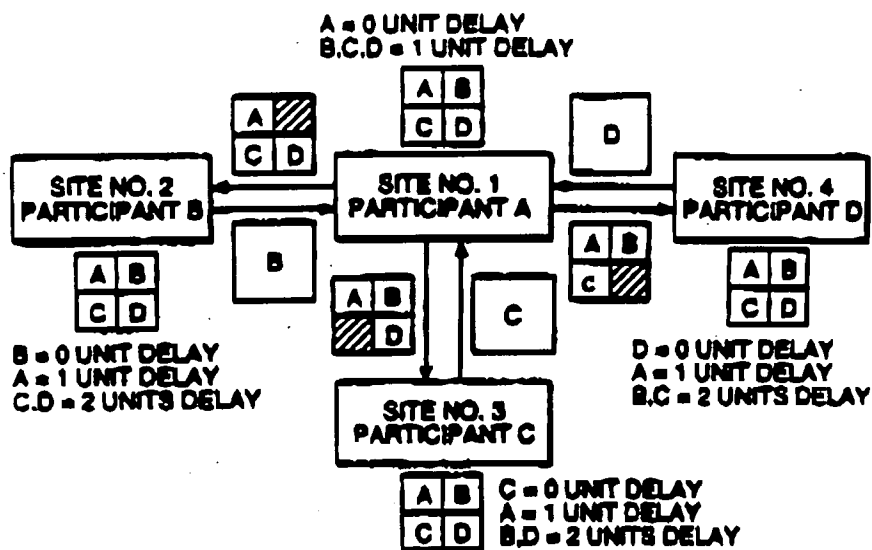
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It is certified that error appears in the formal drawings in the above-identified patent and that said Letters Patent is hereby corrected as shown.



**FIGURE 16**

# UNITED STATES PATENT AND TRADEMARK OFFICE

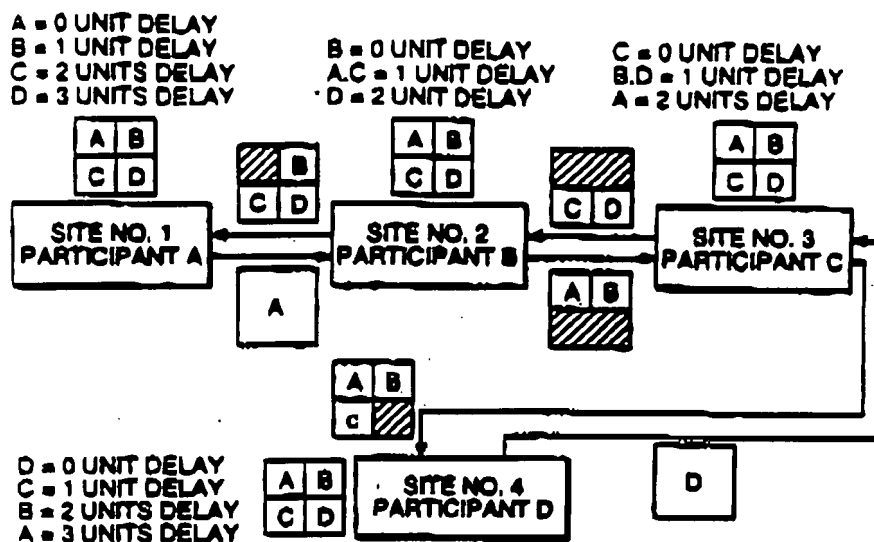
## CERTIFICATE OF CORRECTION

Patent No.: 5,617,539

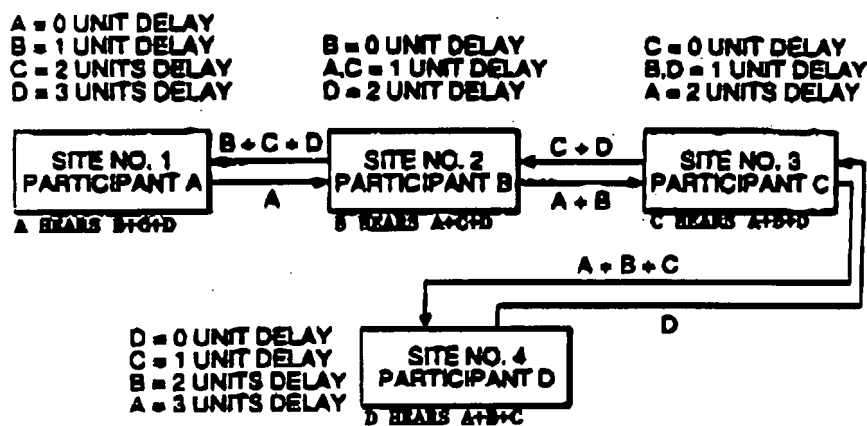
Dated: April 1, 1997

Inventor(s): Lester F. Ludwig, et al.

It is certified that error appears in the formal drawings in the above-identified patent and that said Letters Patent is hereby corrected as shown.



**FIGURE 17A**



**FIGURE 17B**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 5,617,539  
DATED : April 1, 1997  
INVENTOR(S) : Lester F. Ludwig, et. al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item [62] Related U.S. Application Data should read as following:  
This application is a divisional of U.S. Application Ser. No. 08/131,523, filed October 1, 1993.